

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A process for producing a panel glass for cathode ray tubes, ~~having a~~ comprising 45 to 70%  $\text{SiO}_2$  and 0 to 0.19%  $\text{Sb}_2\text{O}_3$  content of from 0 to 0.19% as represented by mass percentage and containing  $\text{H}_2\text{O}$ , which process comprises a step of melting a raw material in an atmosphere under a pressure of  $P_0$  to obtain a molten glass, and a step of vacuum degassing the molten glass in an atmosphere under a pressure  $P_A$  which is lower than  $P_0$ , wherein the pressure  $P$  of the molten glass is made to be at most  $(6.1W+0.06)$  atm in the vacuum degassing step, wherein  $W$  is the content of said  $\text{H}_2\text{O}$  as represented by mass percentage.

Claim 2 (Previously Presented): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the period of time during which the pressure  $P$  of the molten glass is made to be at most  $(6.1W+0.06)$  atm, is at least 0.1 hour.

Claim 3 (Previously Presented): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein  $P_0$  is from 0.8 to 1.2 atm.

Claim 4 (Previously Presented): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein  $W$  as represented by mass percentage, is from 0.005 to 0.05%.

Claim 5 (Currently Amended): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the glass for cathode ray tubes consists essentially of, as represented by mass percentage based on the following oxides:

<del>SiO<sub>2</sub></del>	<del>45 to 70%,</del>
Al <sub>2</sub> O <sub>3</sub>	0 to 10%,
Na <sub>2</sub> O	1 to 15%,
K <sub>2</sub> O	3 to 15%,
MgO	0 to 10%,
CaO	0 to 10%,
SrO	0 to 13%,
BaO	0 to 16%,
ZnO	0 to 5%,
ZrO <sub>2</sub>	0 to 5%,
TiO <sub>2</sub>	0 to 2%,
CeO <sub>2</sub>	0 to 5%,
B <sub>2</sub> O <sub>3</sub>	0 to 5%,
Sb <sub>2</sub> O <sub>3</sub>	0 to 0.19%,
H <sub>2</sub> O	0.005 to 0.05%,
SnO <sub>2</sub>	0 to 5%, and
SO <sub>3</sub>	0 to 0.4%.

Claim 6 (Previously Presented): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the Sb<sub>2</sub>O<sub>3</sub> content as represented by mass percentage in the glass for cathode ray tubes, is from 0 to 0.029%.

Claim 7 (Previously Presented): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the glass for cathode ray tubes contains no SnO<sub>2</sub>.

Claim 8 (Previously Presented): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the glass for cathode ray tubes contains  $\text{SO}_3$ , and its content as represented by mass percentage is from 0.05 to 0.4%.

Claim 9 (New): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein said panel glass comprises at most 0.1 bubbles/g.

Claim 10 (New): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein said panel glass comprises at most 0.02 bubbles/g.

Claim 11 (New): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein a bubble volume expansion ratio is less than 100; wherein the bubble volume expansion ratio is expressed as a ratio of the average volume of a bubble present in the molten glass in an atmosphere under a pressure  $P_A$  to the average volume of a bubble in the molten glass in an atmosphere under a pressure  $P_0$ .

Claim 12 (New): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the molten glass in an atmosphere under a pressure  $P_A$  is at a temperature from 1250 to 1350°C.

Claim 13 (New): The process for producing a panel glass for cathode ray tubes according to Claim 1, wherein the vacuum degassing occurs in a vacuum degassing tank and the depth of the molten glass in the vacuum degassing tank ranges from at least 100 mm to at most 400 mm.